

a defibrillator [(2)] for defibrillating the chamber of the heart, wherein the defibrillator is connected to the fibrillation detector [(1)] and effects [is adapted to effect] defibrillation subsequently to a time interval after detection of the fibrillation ; [,]

a warning device , [(3) which is] connected to the fibrillation detector [(1) and which] , that delivers [is adapted to delivery] a warning signal when a fibrillation has been detected [,] ; and

a control means [(4)] having a control input [(5)] actuable by the [a] patient, wherein the control means is connected to the defibrillator [(2)] and delays [is adapted to delay] the time of a defibrillation if the control means [(4)] receives a corresponding signal by way of the control input [(5)], characterized in that the apparatus further comprises [includes] a condition detector that detects [(6) which is adapted to detect] a hemodynamic condition of the heart, and the control means [(4)] is connected to the condition detector [(6)] and prevents [is adapted to prevent] a delay in the time of defibrillation when the condition detector [(6)] detects a predetermined hemodynamic condition.

2. (amended) The apparatus of [Apparatus as set forth in] claim 1 , wherein: [characterized in that]

the fibrillation detector detects [(1) is adapted to detect] atrial fibrillation and the defibrillator treats [(2) is adapted to treat] atrial fibrillation.

3. (amended) The apparatus of claim 1, wherein [Apparatus as set forth in claim 1 or claim 2 characterized in that] the fibrillation detector detects [(1) is adapted to detect] ventricular fibrillation.

4. (amended) The apparatus of claim 3 wherein: [Apparatus as set forth in claim 3 characterized in that] the defibrillator treats [(2) is adapted to treat] ventricular fibrillation.

5. (amended) The apparatus of claim 1, wherein: [Apparatus as set forth in one of the preceding claims characterized in that]

the warning device [(3)] is connected to the condition detector [(6)] and outputs [is adapted to output] a first type of said warning signal when both the predetermined hemodynamic condition and the [a] fibrillation are [were] detected, and outputs [to output] a second type of said warning

signal when the fibrillation is detected with no predetermined hemodynamic condition [and a fibrillation were detected].

6. (amended) The apparatus of claim 1, wherein: [Apparatus as set forth in one of the preceding claims characterized in that] the defibrillator delivers [(2) is adapted to deliver] a pain killer and/or a tranquilizer prior to defibrillation.

7. (amended) The apparatus of claim 1, further comprising: [Apparatus as set forth in one of the preceding claims characterized by] a pain therapy unit which is connected to the control means [(4)] and to nerve electrodes and which delivers [is adapted to deliver by way of the nerve electrodes] electrical pulses [which are suitable] for numbing pain sensations by way of the nerve electrodes.

8. (amended) The apparatus of claim 1, wherein: [Apparatus as set forth in one of the preceding claims characterized in that] the condition detector ascertains [(6) is adapted to ascertain] the predetermined hemodynamic condition on the basis of one or more indicators.

9. (amended) The apparatus of claim 38, wherein: [Apparatus as set forth in claim 3 and claim 8 characterized in that] the condition detector [(6)] is connected to the fibrillation detector [(1)] and detects [is adapted to detect] ventricular fibrillation as the indicator or as one of the indicators.

10. (amended) The apparatus of claim 8, wherein: [Apparatus as set forth in claim 8 or claim 9 characterized in that] the condition detector detects [(6) is adapted to detect] heart output as the indicator or as one of the indicators.

11. (amended) The apparatus of claim 10, wherein: [Apparatus as set forth in claim 10 characterized in that] the condition detector detects [(6) is adapted to detect] heart output by means of epicardial or endocardial impedance measurements.

12. (amended) The apparatus of claim 8, wherein: [Apparatus as set forth in claim 8, claim 9, claim 10 or claim 11 characterized in that] the condition detector detects [(6) is adapted to detect] a blood pressure as the indicator or as one of the indicators.

13. (amended) The apparatus of claim 1, further comprising: [Apparatus as set forth in one of the preceding claims characterized by] means for manually initiating atrial defibrillation from outside the body, said means being [which are] at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if [(2) and are adapted to cause initiation of defibrillation by a patient even in the situation in which] the fibrillation detector [(1)] has not yet detected fibrillation.

14. (amended) The apparatus of claim 13, wherein: [Apparatus as set forth in claim 13 characterized in that] the control means [(4)] includes the means for manual initiation of atrial defibrillation.

15. (new) The apparatus of claim 2, wherein
the fibrillation detector detects ventricular fibrillation.

16. (new) The apparatus of claim 15 wherein:
the defibrillator treats ventricular fibrillation.

17. (new) The apparatus of claim 2, wherein:
the warning device is connected to the condition detector and outputs a first type of said warning signal when both the predetermined hemodynamic condition and the fibrillation are detected, and outputs a second type of said warning signal when the fibrillation is detected with no predetermined hemodynamic condition.

18. (new) The apparatus of claim 3, wherein:
the warning device is connected to the condition detector and outputs a first type of said warning signal when both the predetermined hemodynamic condition and the fibrillation are

detected, and outputs a second type of said warning signal when the fibrillation is detected with no predetermined hemodynamic condition.

19. (new) The apparatus of claim 4, wherein:

the warning device is connected to the condition detector and outputs a first type of said warning signal when both the predetermined hemodynamic condition and the fibrillation are detected, and outputs a second type of said warning signal when the fibrillation is detected with no predetermined hemodynamic condition.

20. (new) The apparatus of claim 16, wherein:

the warning device is connected to the condition detector and outputs a first type of said warning signal when both the predetermined hemodynamic condition and the fibrillation are detected, and outputs a second type of said warning signal when the fibrillation is detected with no predetermined hemodynamic condition.

21. (new) The apparatus of claim 2, wherein:

the defibrillator delivers a pain killer and/or a tranquilizer prior to defibrillation.

22. (new) The apparatus of claim 3, wherein:

the defibrillator delivers a pain killer and/or a tranquilizer prior to defibrillation.

23. (new) The apparatus of claim 5, wherein:

the defibrillator delivers a pain killer and/or a tranquilizer prior to defibrillation.

24. (new) The apparatus of claim 17, wherein:

the defibrillator delivers a pain killer and/or a tranquilizer prior to defibrillation.

25. (new) The apparatus of claim 18, wherein:

the defibrillator delivers a pain killer and/or a tranquilizer prior to defibrillation.

26. (new) The apparatus of claim 19, wherein:

the defibrillator delivers a pain killer and/or a tranquilizer prior to defibrillation.

27. (new) The apparatus of claim 20, wherein:
the defibrillator delivers a pain killer and/or a tranquilizer prior to defibrillation.
28. (new) The apparatus of claim 1, further comprising:
a pain therapy unit which is connected to the control means and to nerve electrodes and
which delivers electrical pulses for numbing pain sensations by way of the nerve electrodes.
29. (new) The apparatus of claim 2, further comprising:
a pain therapy unit which is connected to the control means and to nerve electrodes and
which delivers electrical pulses for numbing pain sensations by way of the nerve electrodes.
30. (new) The apparatus of claim 17, further comprising:
a pain therapy unit which is connected to the control means and to nerve electrodes and
which delivers electrical pulses for numbing pain sensations by way of the nerve electrodes.
31. (new) The apparatus of claim 20, further comprising:
a pain therapy unit which is connected to the control means and to nerve electrodes and
which delivers electrical pulses for numbing pain sensations by way of the nerve electrodes.
32. (new) The apparatus of claim 19, further comprising:
a pain therapy unit which is connected to the control means and to nerve electrodes and
which delivers electrical pulses for numbing pain sensations by way of the nerve electrodes.
33. (new) The apparatus of claim 17, further comprising:
a pain therapy unit which is connected to the control means and to nerve electrodes and which
delivers electrical pulses for numbing pain sensations by way of the nerve electrodes.
34. (new) The apparatus of claim 3, further comprising:

a pain therapy unit which is connected to the control means and to nerve electrodes and which delivers electrical pulses for numbing pain sensations by way of the nerve electrodes.

35. (new) The apparatus of claim 18, further comprising:

a pain therapy unit which is connected to the control means and to nerve electrodes and which delivers electrical pulses for numbing pain sensations by way of the nerve electrodes.

36. (new) The apparatus of claim 5, further comprising:

a pain therapy unit which is connected to the control means and to nerve electrodes and which delivers electrical pulses for numbing pain sensations by way of the nerve electrodes.

37. (new) The apparatus of claim 2, wherein:

the condition detector ascertains the predetermined hemodynamic condition on the basis of one or more indicators.

38. (new) The apparatus of claim 3, wherein:

the condition detector ascertains the predetermined hemodynamic condition on the basis of one or more indicators.

39. (new) The apparatus of claim 9, wherein:

the condition detector detects heart output as the indicator or as one of the indicators.

40. (new) The apparatus of claim 37, wherein:


the condition detector detects heart output as the indicator or as one of the indicators.

41. (new) The apparatus of claim 38, wherein:

the condition detector detects heart output as the indicator or as one of the indicators.

42. (new) The apparatus of claim 39, wherein:

the condition detector detects heart output by means of epicardial or endocardial impedance measurements.

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43. (new) The apparatus of claim 40, wherein:
the condition detector detects heart output by means of epicardial or endocardial impedance measurements.
44. (new) The apparatus of claim 41, wherein:
the condition detector detects heart output by means of epicardial or endocardial impedance measurements.
45. (new) The apparatus of claim 10, wherein:
the condition detector detects a blood pressure as the indicator or as one of the indicators.
46. (new) The apparatus of claim 11, wherein:
the condition detector detects a blood pressure as the indicator or as one of the indicators.
47. (new) The apparatus of claim 37, wherein:
the condition detector detects a blood pressure as the indicator or as one of the indicators.
48. (new) The apparatus of claim 40, wherein:
the condition detector detects a blood pressure as the indicator or as one of the indicators.
49. (new) The apparatus of claim 43, wherein:
the condition detector detects a blood pressure as the indicator or as one of the indicators.
50. (new) The apparatus of claim 11, wherein:
the condition detector detects a blood pressure as the indicator or as one of the indicators.
51. (new) The apparatus of claim 9, wherein:
the condition detector detects a blood pressure as the indicator or as one of the indicators.
52. (new) The apparatus of claim 38, wherein:

the condition detector detects a blood pressure as the indicator or as one of the indicators.

53. (new) The apparatus of claim 39, wherein:

the condition detector detects a blood pressure as the indicator or as one of the indicators.

54. (new) The apparatus of claim 41, wherein:

the condition detector detects a blood pressure as the indicator or as one of the indicators.

55. (new) The apparatus of claim 42, wherein:

the condition detector detects a blood pressure as the indicator or as one of the indicators.

56. (new) The apparatus of claim 44, wherein:

the condition detector detects a blood pressure as the indicator or as one of the indicators.

57. (new) The apparatus of claim 12, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.

58. (new) The apparatus of claim 45, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.

59. (new) The apparatus of claim 46, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.

60. (new) The apparatus of claim 47, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.

61. (new) The apparatus of claim 48, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.

62. (new) The apparatus of claim 49, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.

63. (new) The apparatus of claim 50, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.

64. (new) The apparatus of claim 51, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.

65. (new) The apparatus of claim 52, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.

66. (new) The apparatus of claim 53, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.

67. (new) The apparatus of claim 54, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.

68. (new) The apparatus of claim 55, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.

69. (new) The apparatus of claim 56, further comprising:

means for manually initiating atrial defibrillation from outside the body, said means being at least indirectly connected to the defibrillator, for the patient to initiate defibrillation even if the fibrillation detector has not yet detected fibrillation.